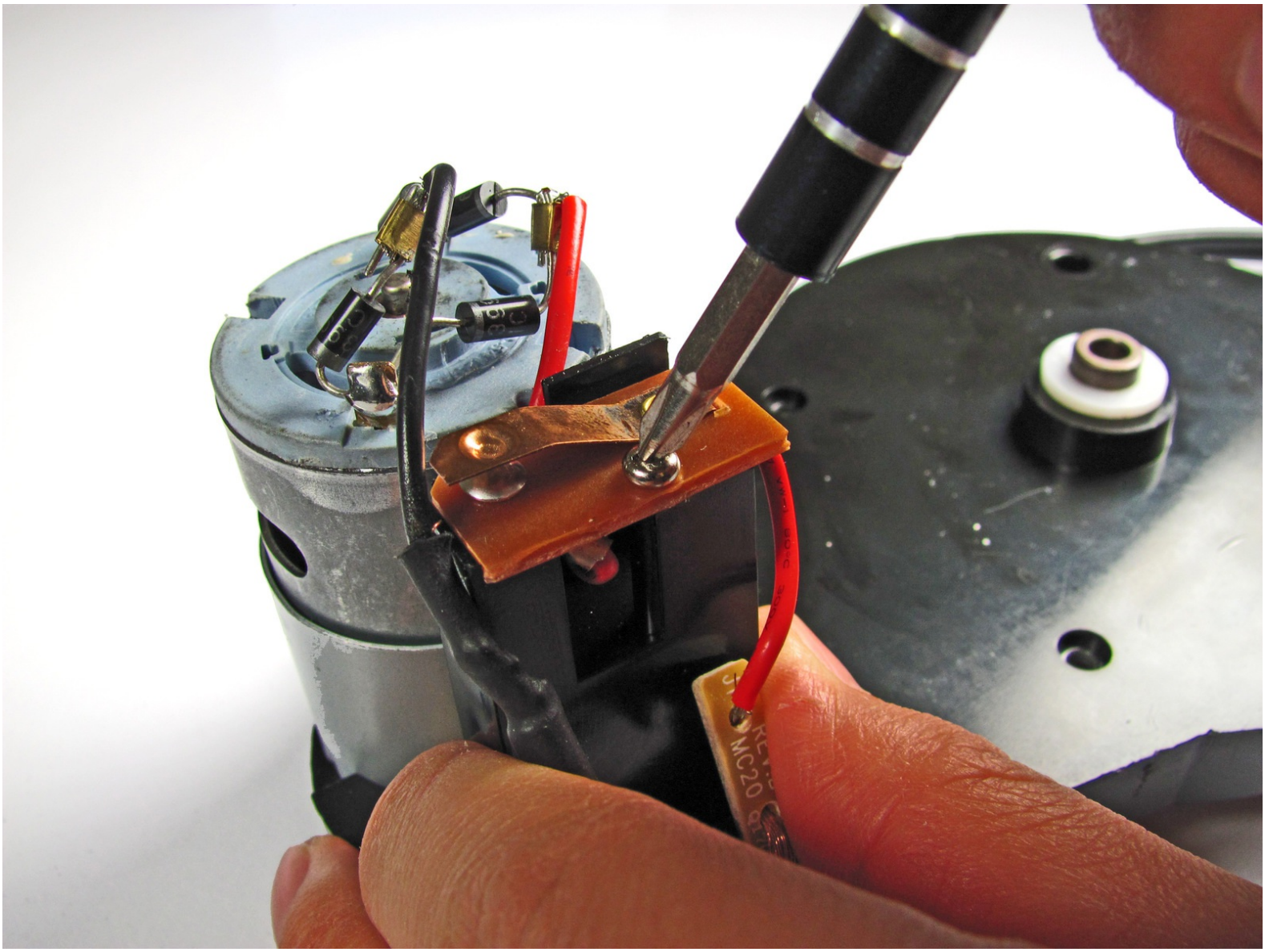
Rival Mini Chopper MC-67BL Motor Replacement

Remove the Rival Mini Chopper motor.

Written By: Roxanne



INTRODUCTION

This guide will help you remove the motor and requires the uses of a soldering iron. Check out this soldering guide for help if you don't know how to solder.

TOOLS:

- Phillips #2 Screwdriver (1)
- Large Needle Nose Pliers (1)
- Soldering Workstation (1)
- Phillips #1 Screwdriver (1)

PARTS:

- motor (1)

Step 1 — Turning Gears

- Twist the plastic lid counterclockwise to unlock it.
- Lift the lid to remove it from the container.

Step 2

- Carefully remove the blade from the container.

For reassembly, the teeth on the metal shaft line up with slots on the inside of the plastic hole.

Step 3

- With your hand, twist the container counter-clockwise until it unlocks from the base. Remove the container by lifting it straight up.

Step 4

- Use your fingers to pry out the two rubber feet from the bottom cover of the base.

ⓘ The two feet furthest from the button tower contain screws. The other two feet do not.

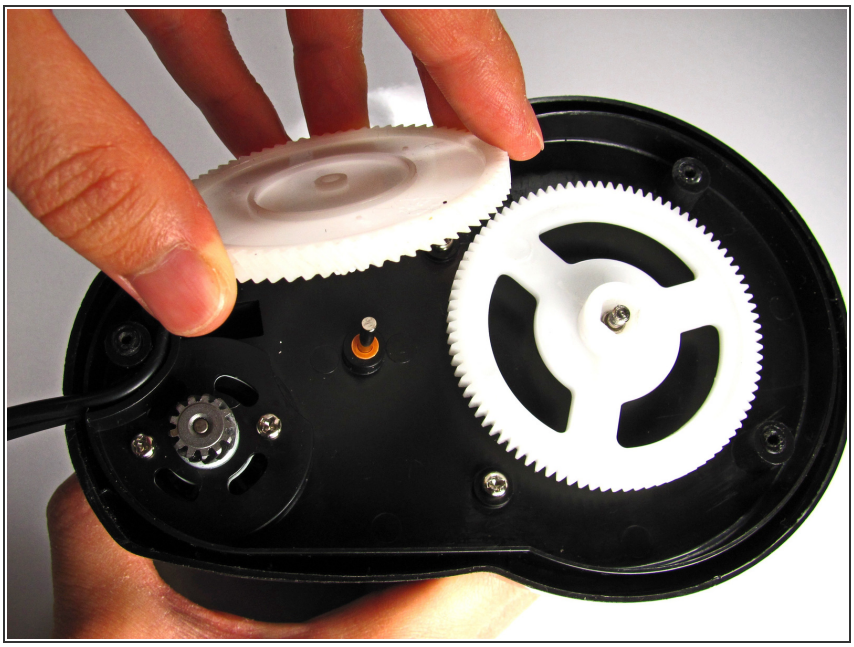
Step 5

- Use the Phillips #2 screwdriver to unscrew the two 12.7-mm screws underneath the rubber feet.
- Use the same screwdriver to unscrew the 15.88-mm screw from the back of the chopper.

Step 6

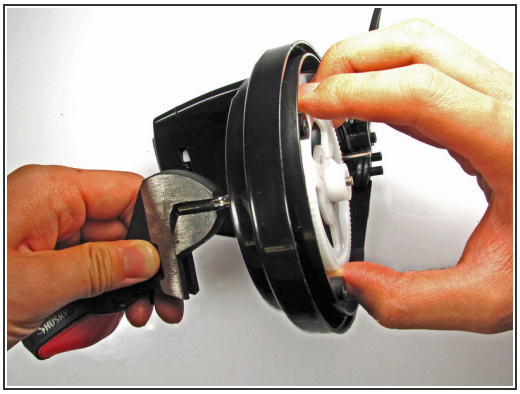
- Firmly lift the bottom cover off of the base.

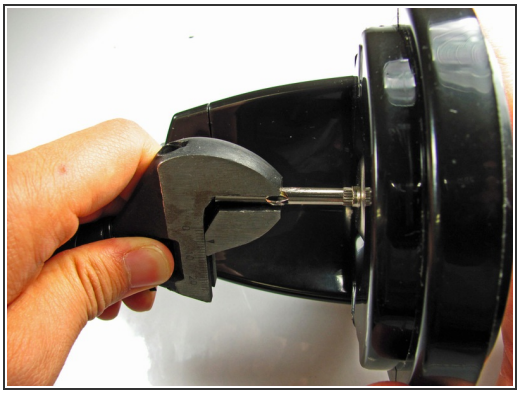
Step 7



- Remove the smaller white gear by lifting it up with your hand.

Step 8





- Use a pair of pliers or any other clamping tool to securely hold the blade-shaft that sits above the base.

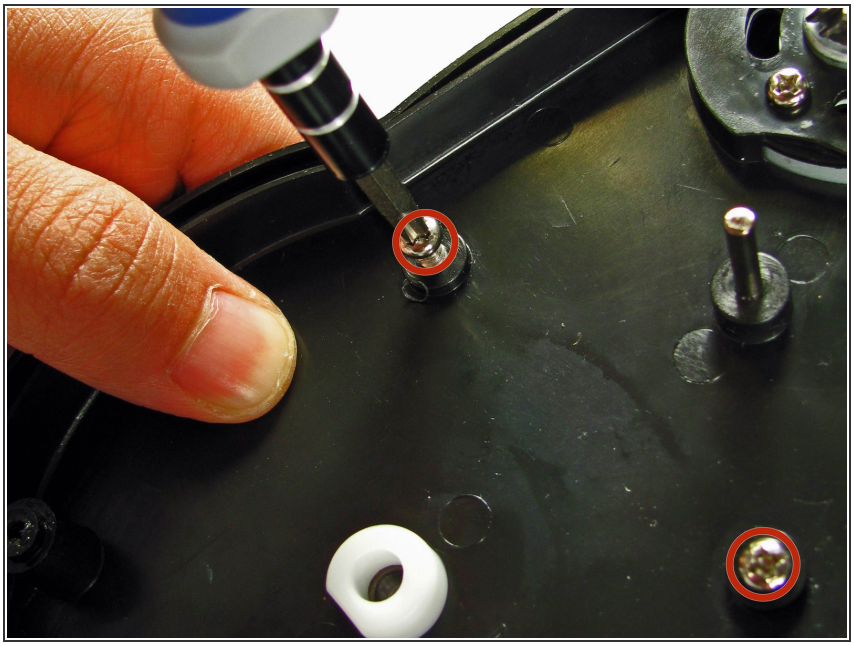
⚠ Grab the gear with your other hand and turn ***CLOCKWISE.*** Unlike most screws, the gear is reverse-threaded to allow the blade to spin.

- Continue turning the gear until completely removed from the blade-shaft.

Step 9 — Motor

- Pull the shaft from the base.
- This will require a bit of force.

Step 10

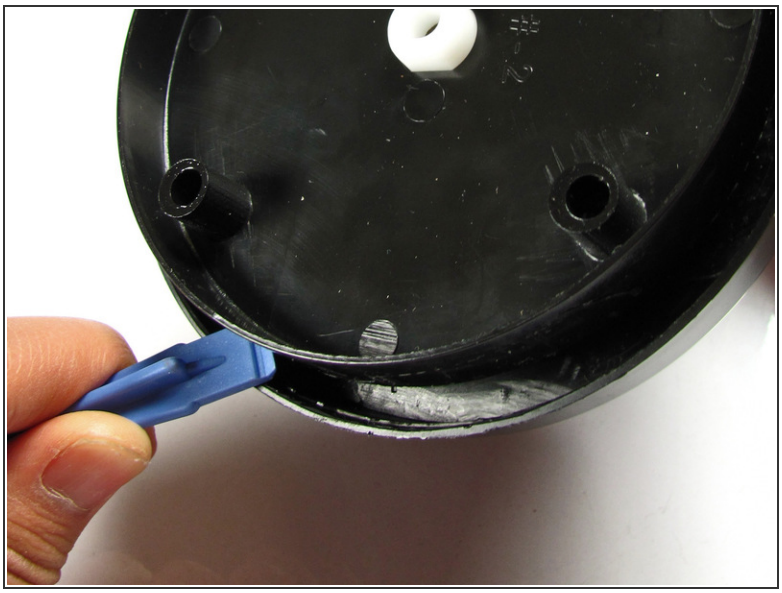


- Use a Phillips #2 screwdriver and unscrew the two base screws.

Step 11

- Unwind the power cord from the base pegs.

Step 12

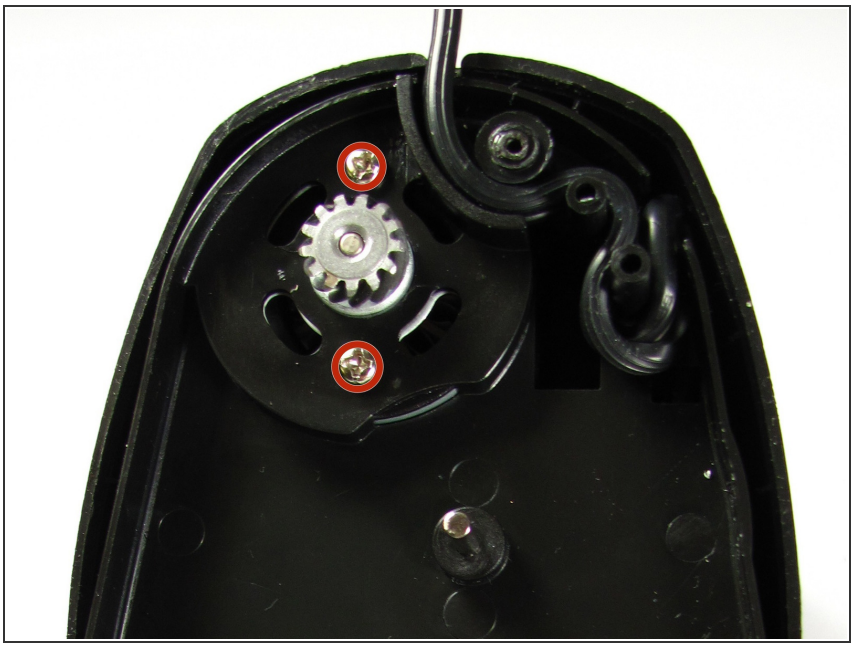


- Use the plastic opening tool to pry open the base from the main body.

These two plastic prongs are pressed fit into the base. It may take some effort to pry the base completely off.

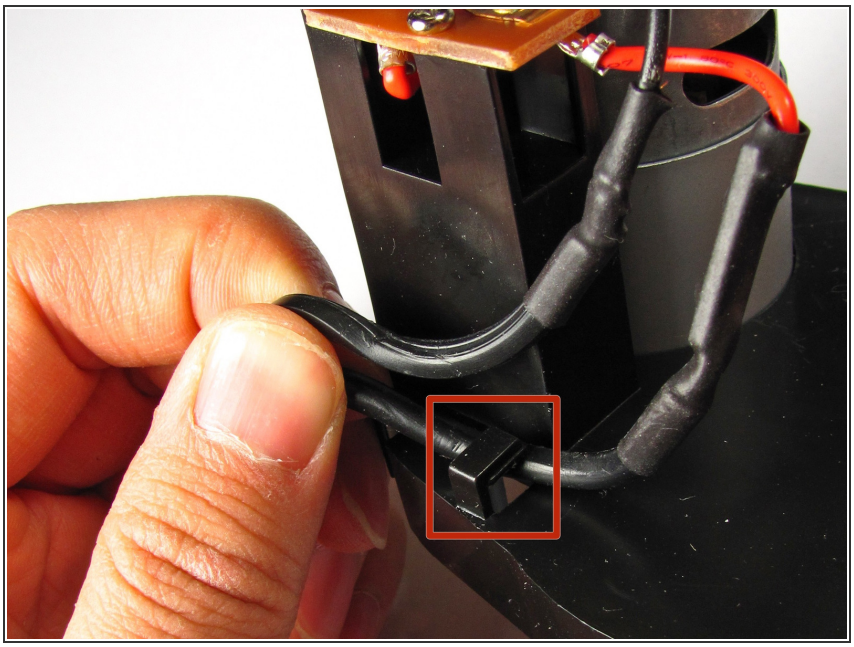
- Once freed, lift the base panel from the main body. The motor and power cable are connected to this panel.

Step 13



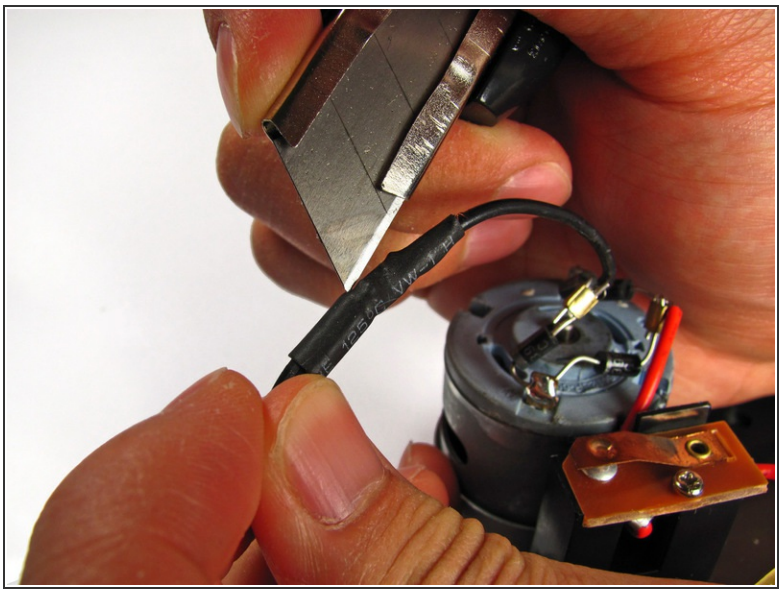
- Use a Phillips #2 screwdriver to remove the screws that attach the motor to the base.

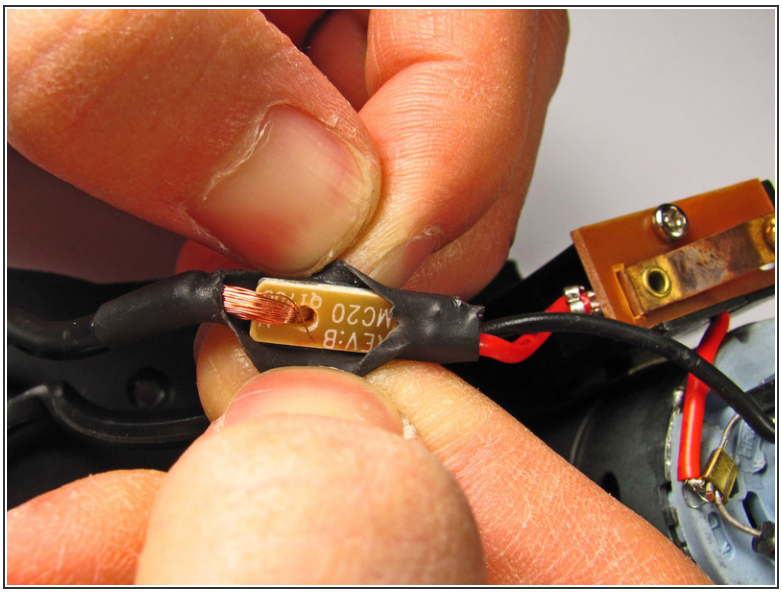
Step 14



- Pull the power cord wires up from underneath the wire hook on the side of the motor.

Step 15



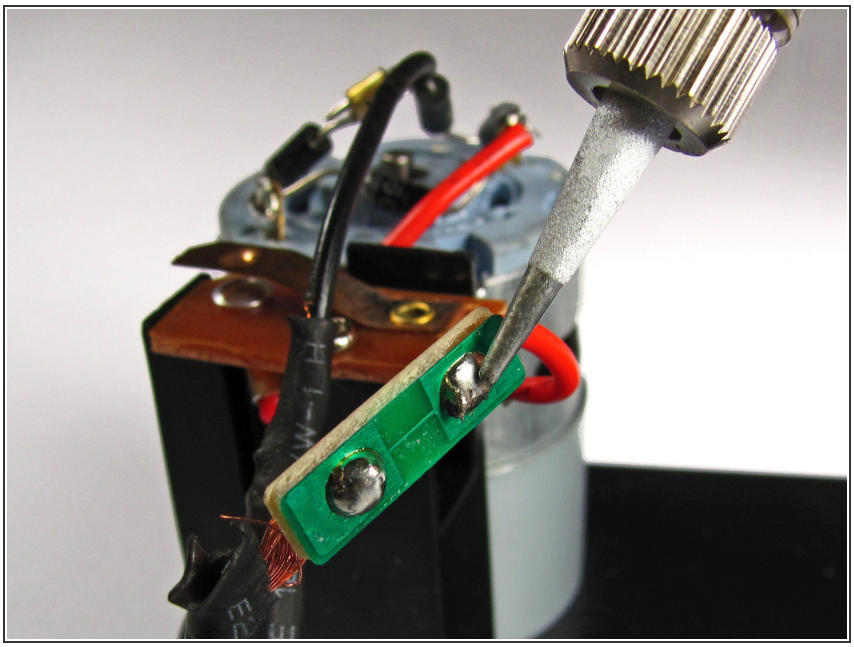


- Carefully cut into the black wire casing for both wires using a small knife, and peel away the black casing.

⚠ Only cut deep enough to remove the casing.

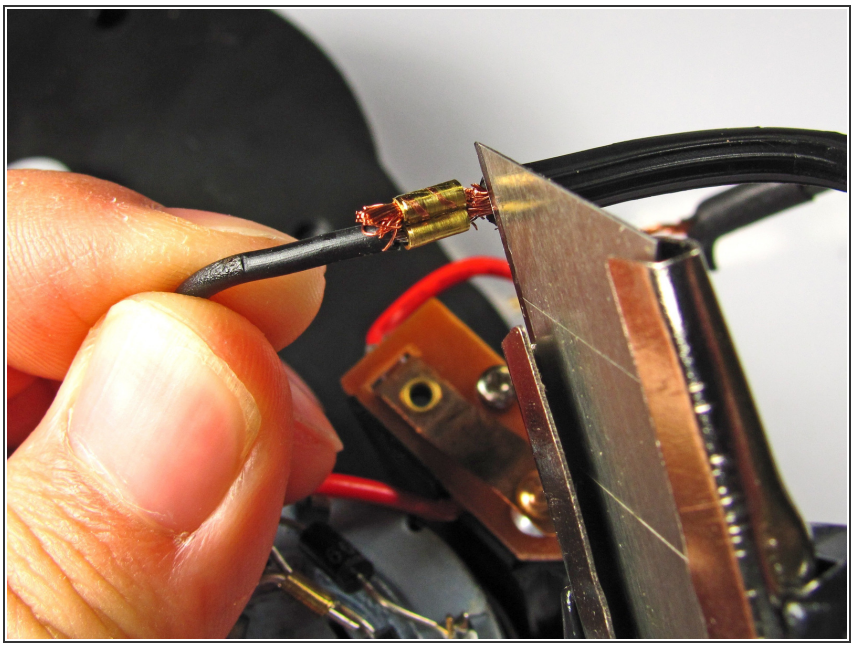
For reassembly you will need black electrical tape to keep the wires from being exposed.

Step 16



- Use a soldering kit to remove solder from the circuit board for the red wire.
- Follow this soldering guide if you need extra help!

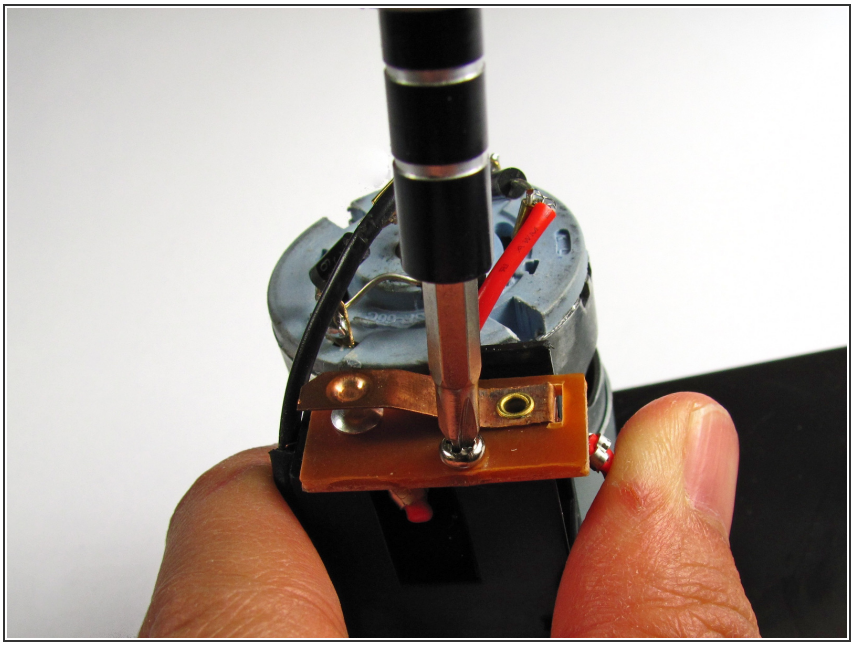
Step 17



- Use a small knife to cut the copper wires from the bracket holding the black wire and power cord together.

For reassembly the copper wires will need to be soldered together.

Step 18



- Use a Phillips #1 screwdriver to unscrew the single 4.76-mm screw from the motor base to finish removing the motor.

To reassemble your device, follow these instructions in reverse order.

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